

Title: Electronically Controlled Engine Generator Set/App. No. 10/593,750

Inventor: Jonathan Sidney Edelson

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-Replacement Figure-

Figure 1a

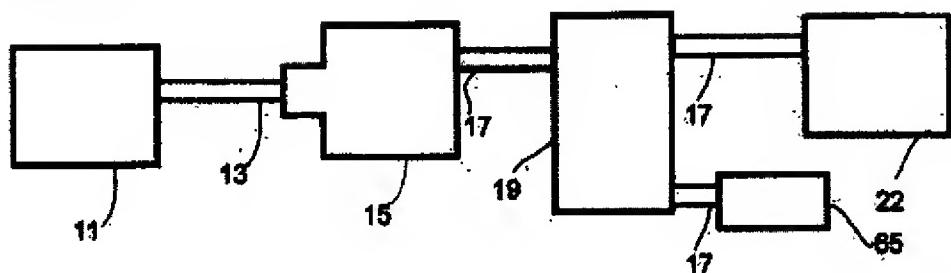


Figure 1b

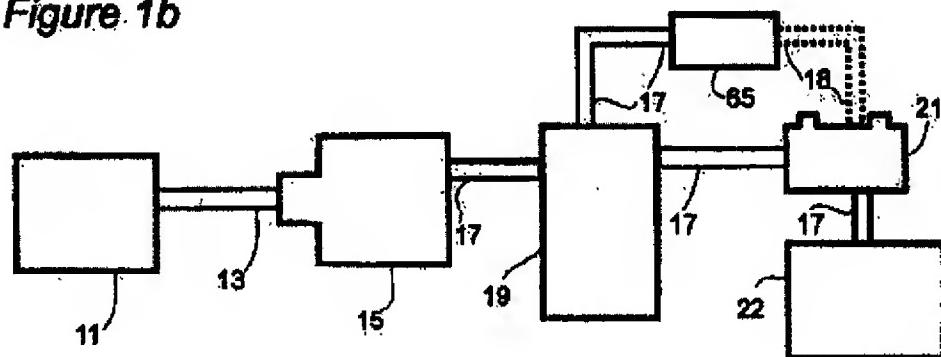
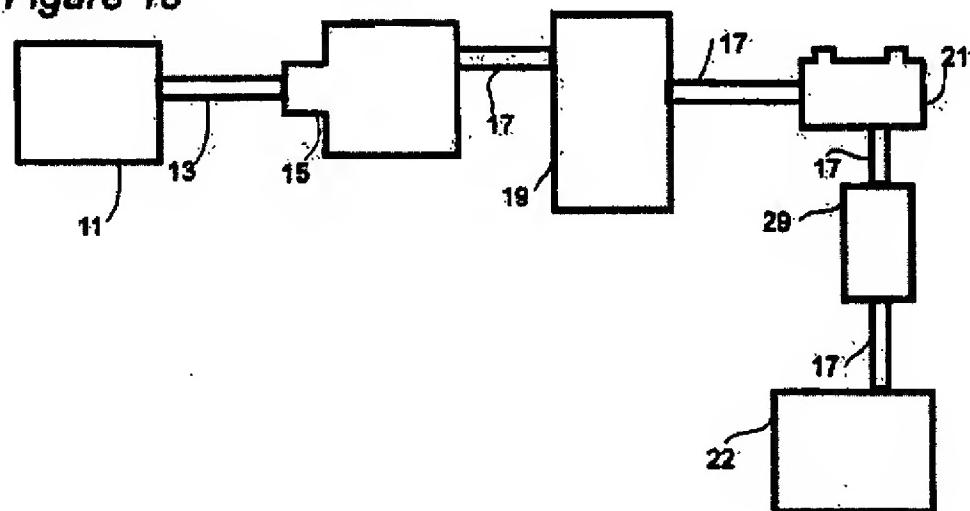


Figure 1c



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Inventor: Jonathan Sidney Edelson

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-Replacement Figure-

Figure 1d

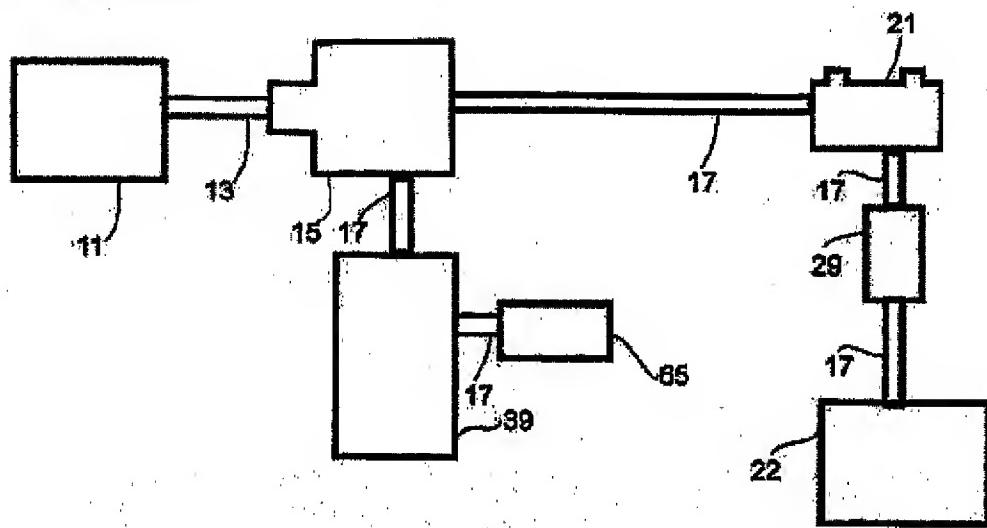
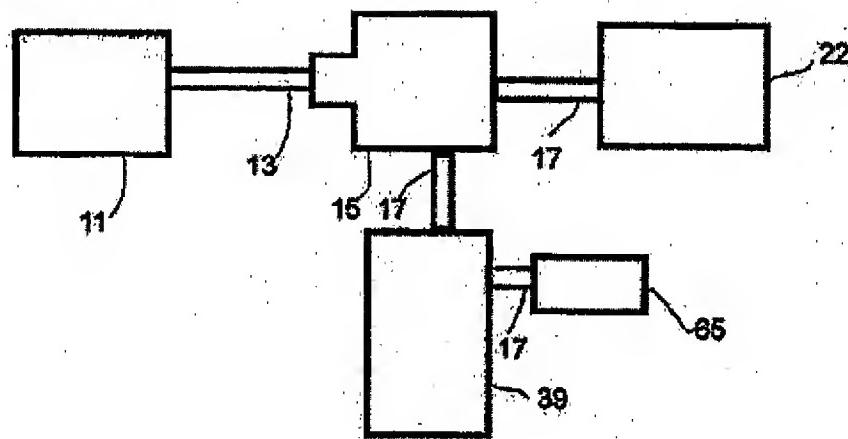


Figure 1e



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Inventor: Jonathan Sidney Edelson

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-Replacement Figure-

Figure 1f

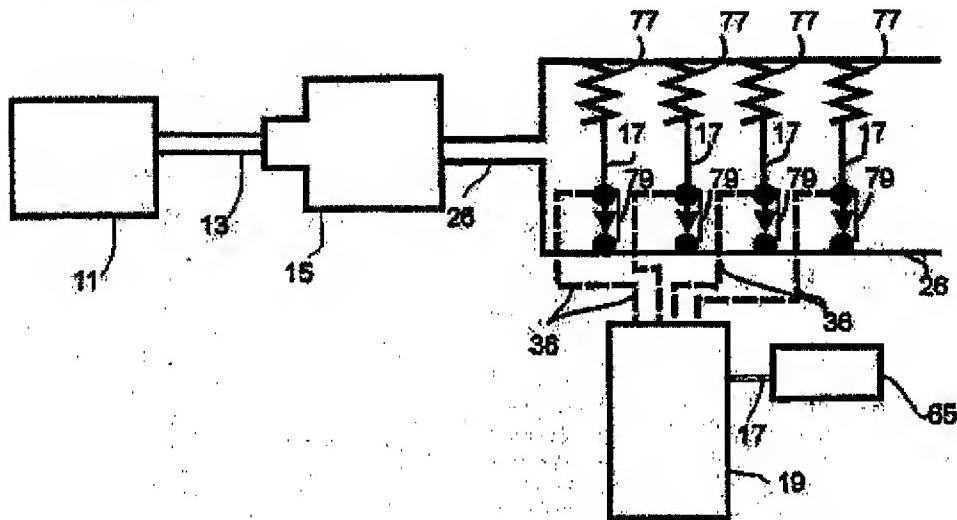
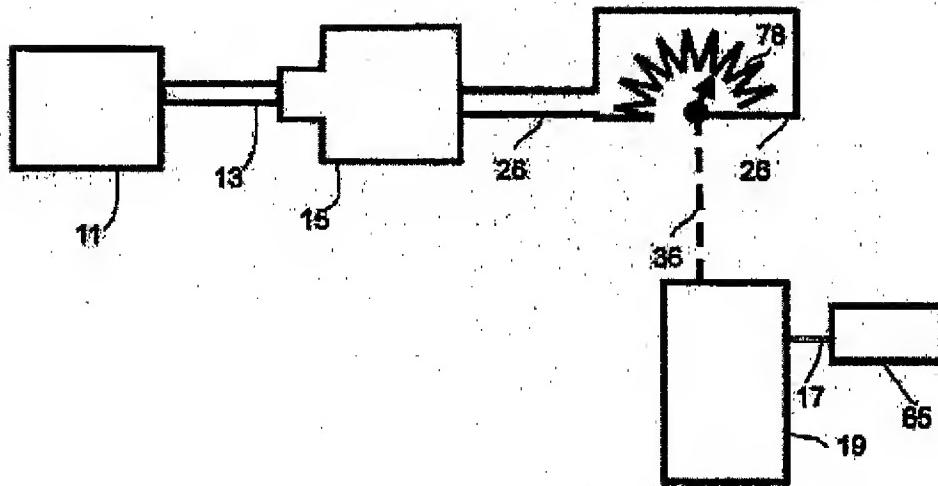


Figure 1g



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Inventor: Jonathan Sidney Edelson

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-Replacement Figure-

Figure 1h

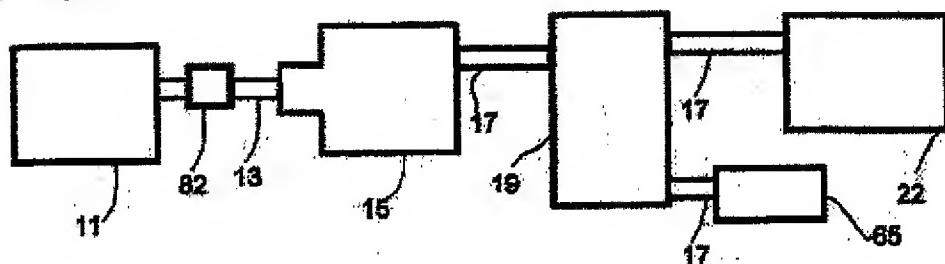
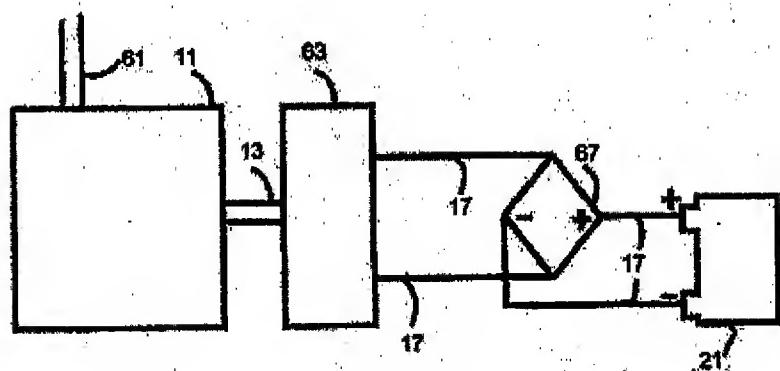


Figure 9a PRIOR ART



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Inventor: Jonathan Sidney Edelson

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-Replacement Figure-

Figure 2a

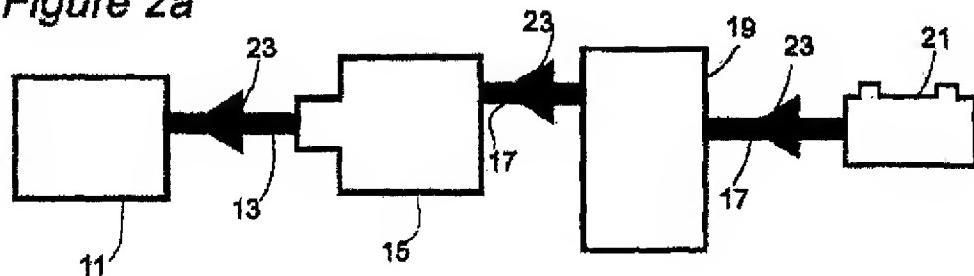


Figure 2b

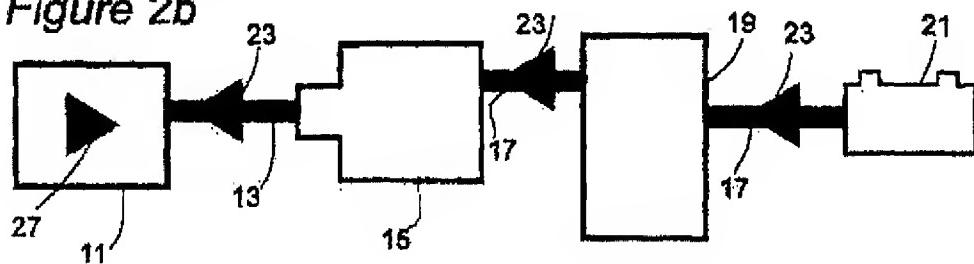


Figure 2c

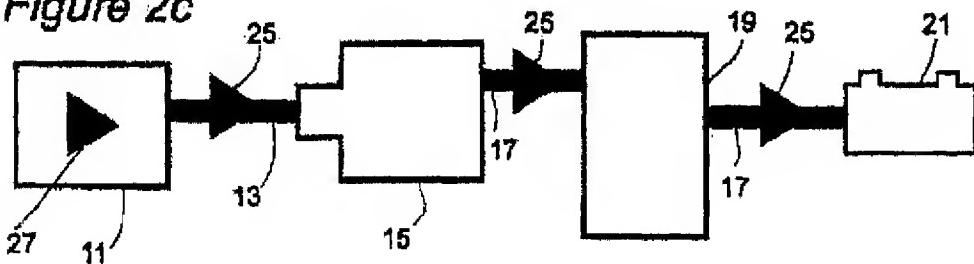
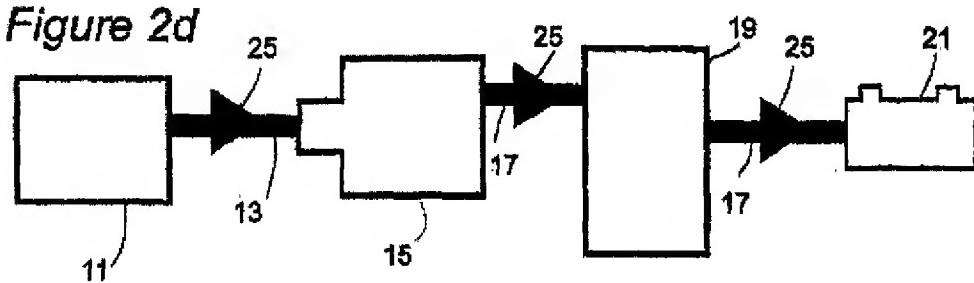


Figure 2d



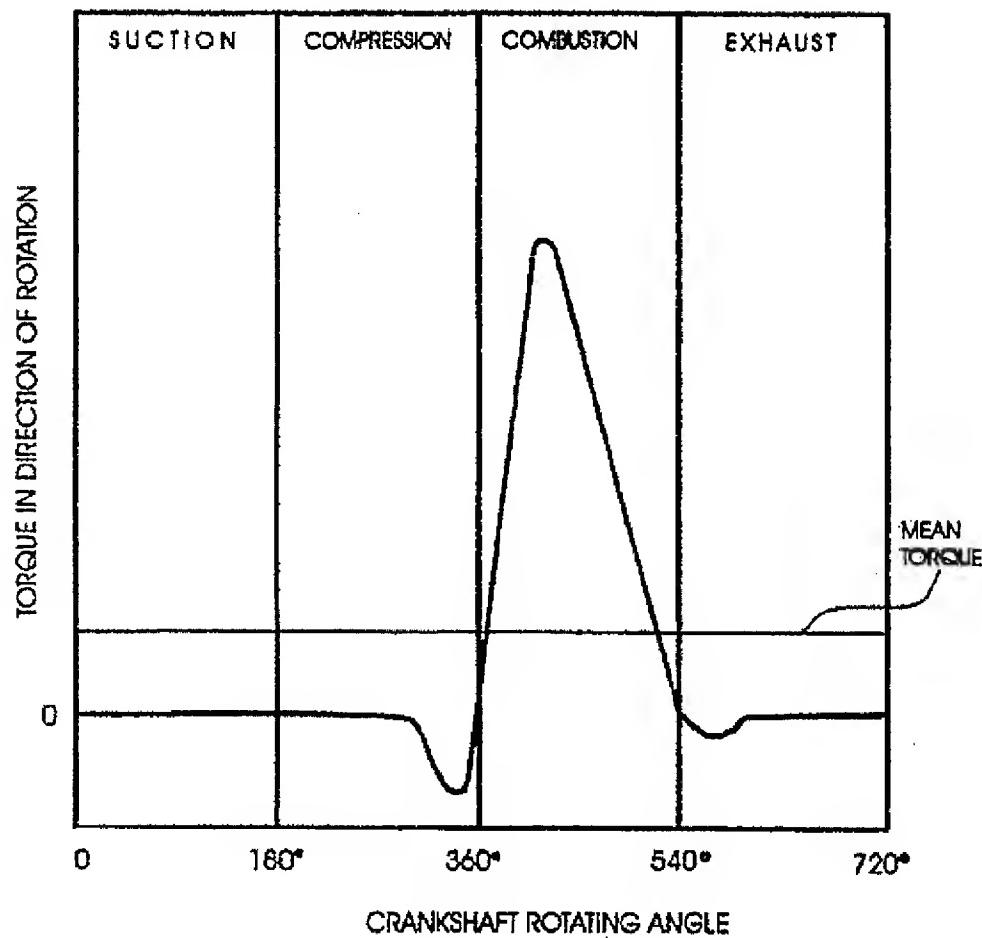
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Inventor: Jonathan Sidney Edelson

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Figure 3



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Figure 4

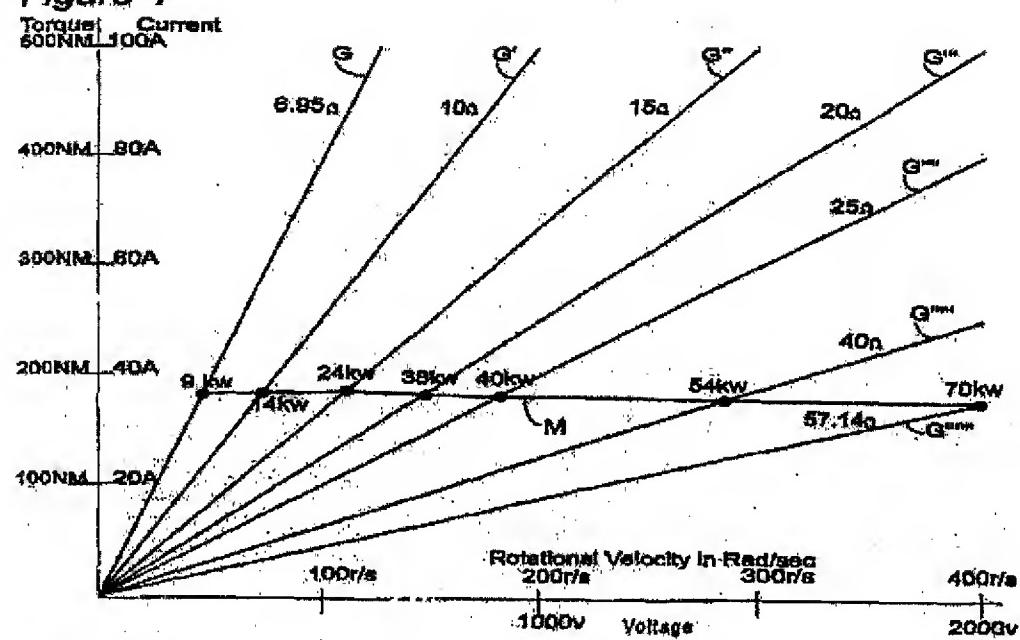
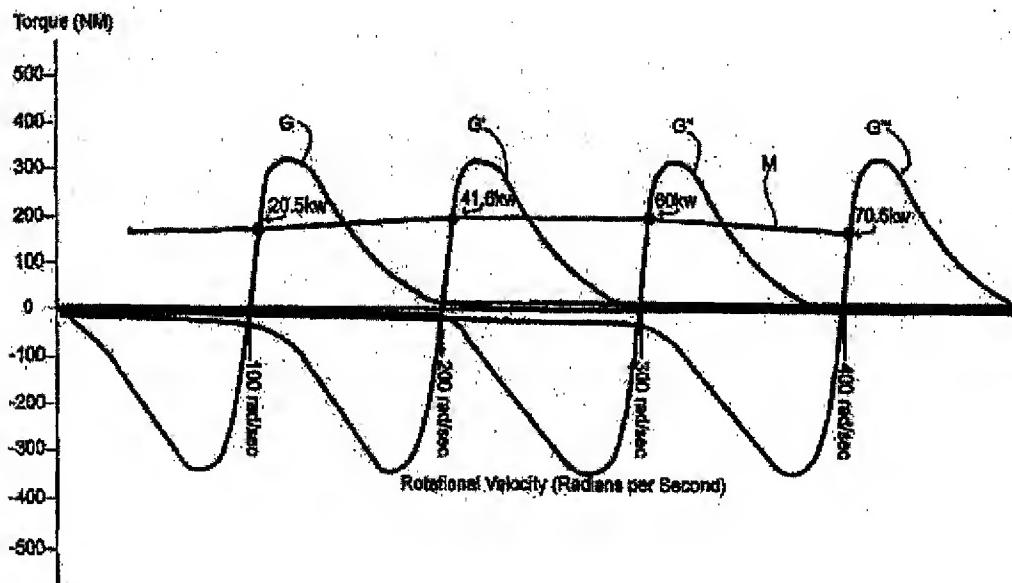


Figure 5



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Inventor: Jonathan Sidney Edelson

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-Replacement Figure-

Figure 6

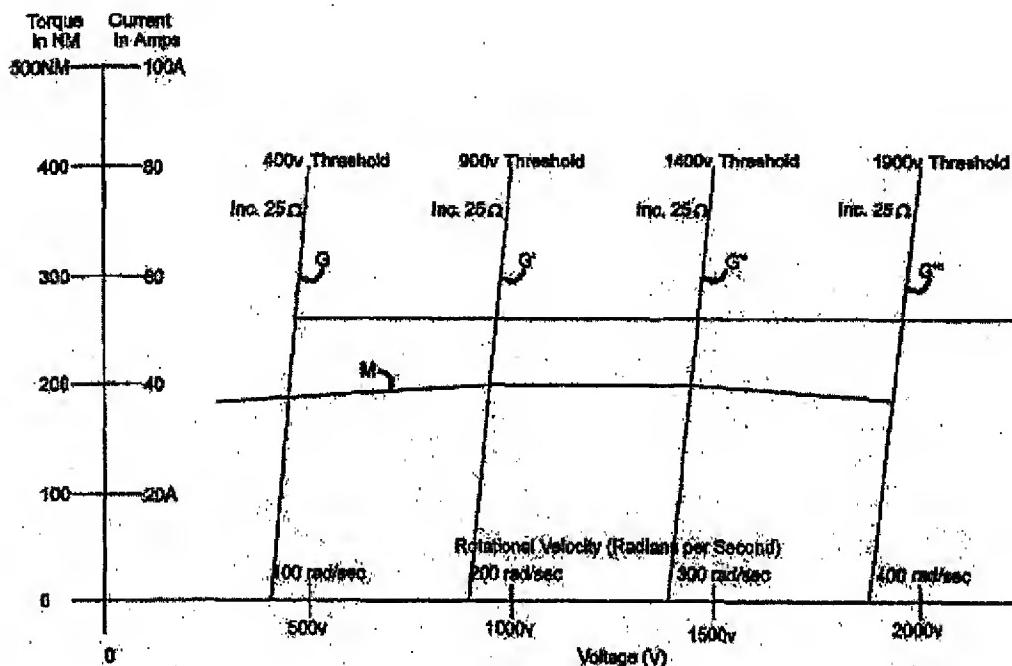
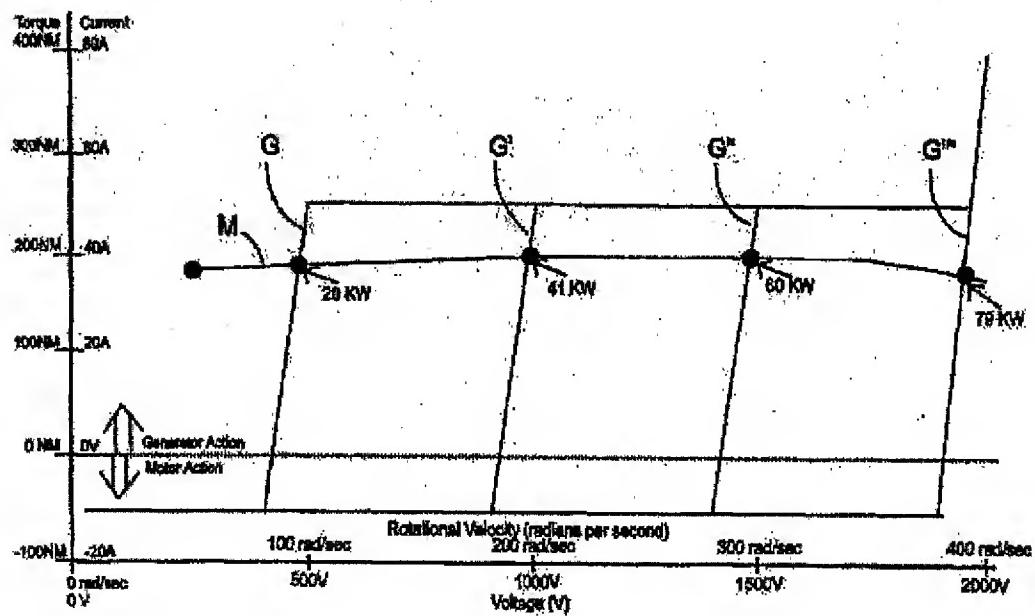


Figure 7



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Inventor: Jonathan Sidney Edelson

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-Replacement Figure-

Figure 8a

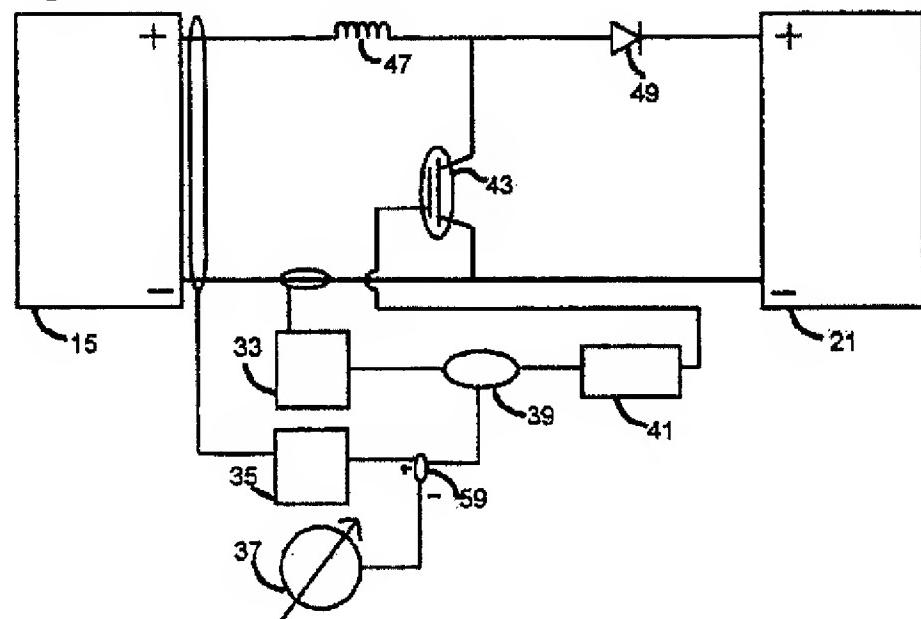
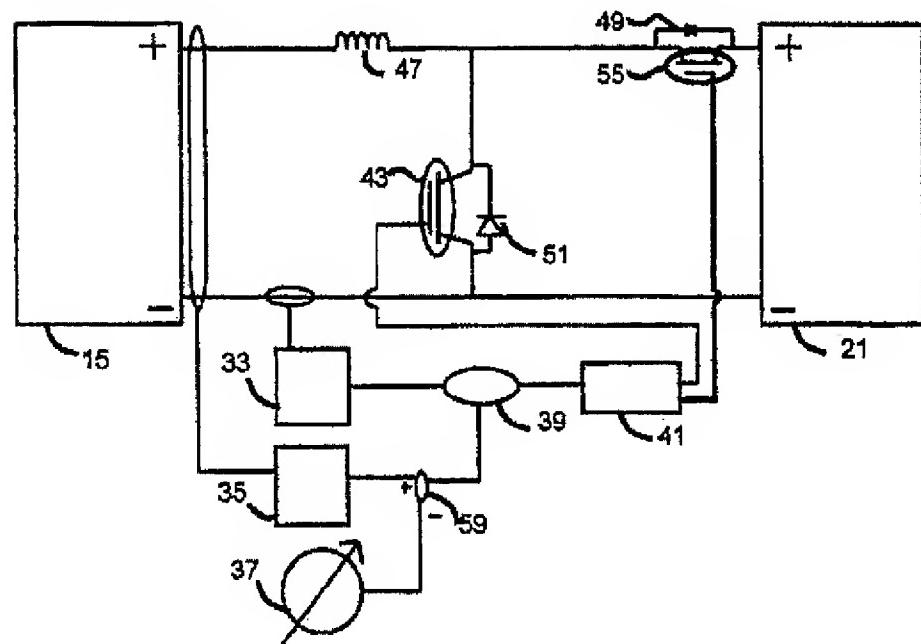


Figure 8b



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Inventor: Jonathan Sidney Edelson
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Figure 9b

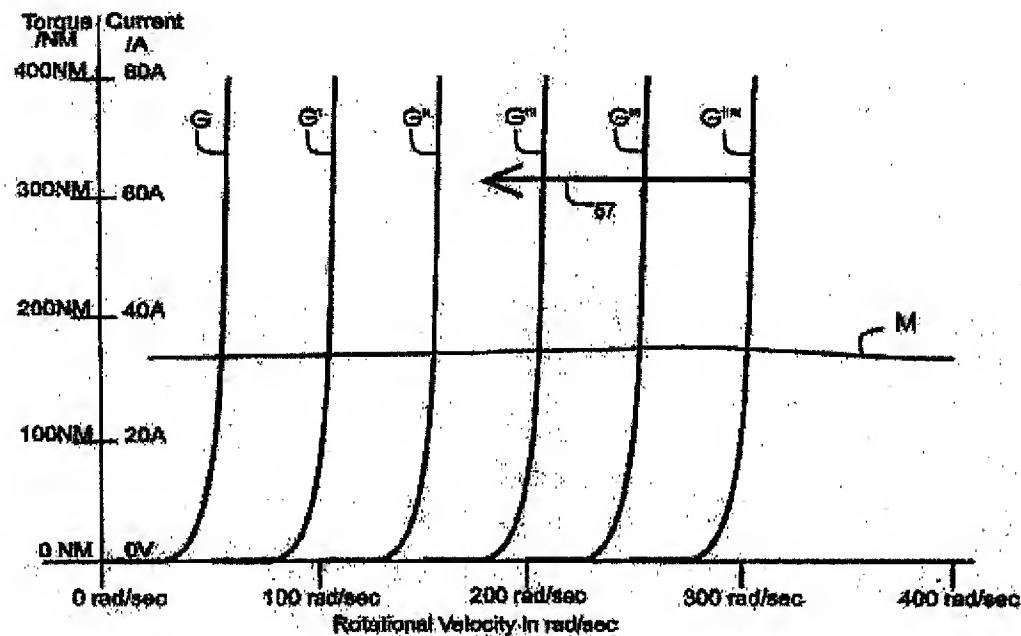
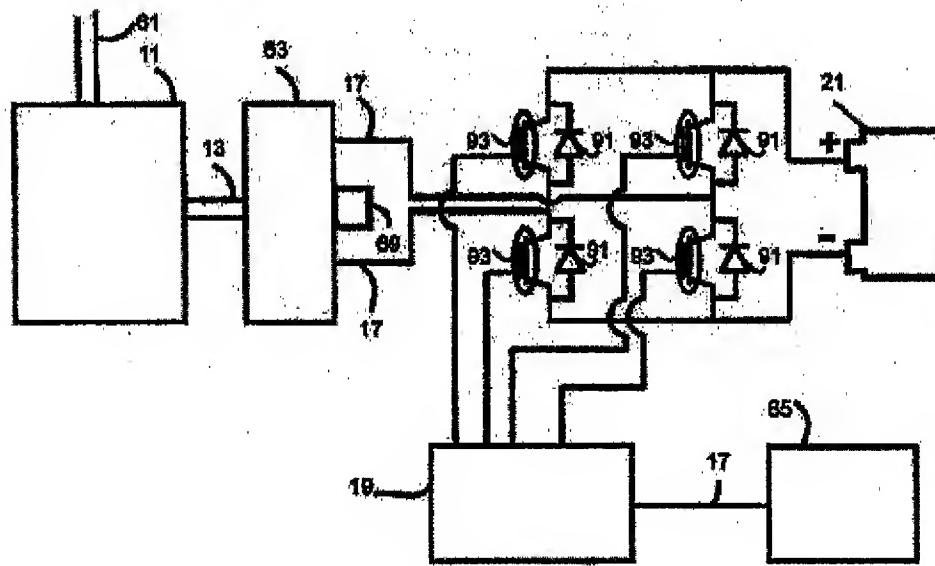


Figure 9c

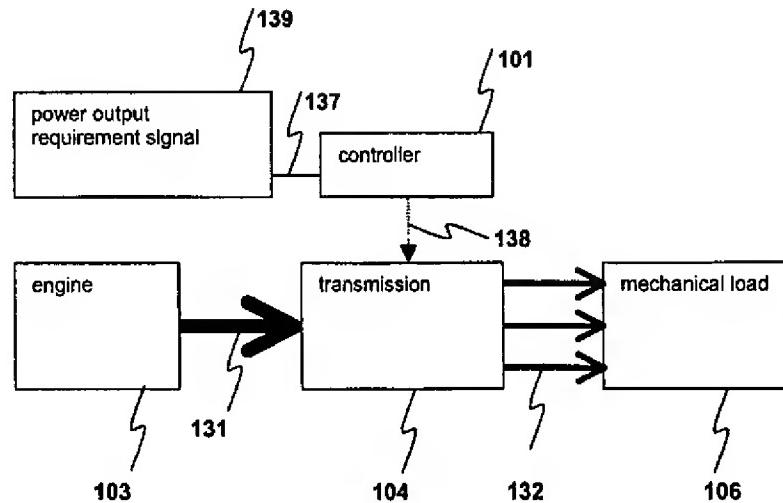


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Inventor: Jonathan Sidney Edelson
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-Replacement Figure-

Figure 10



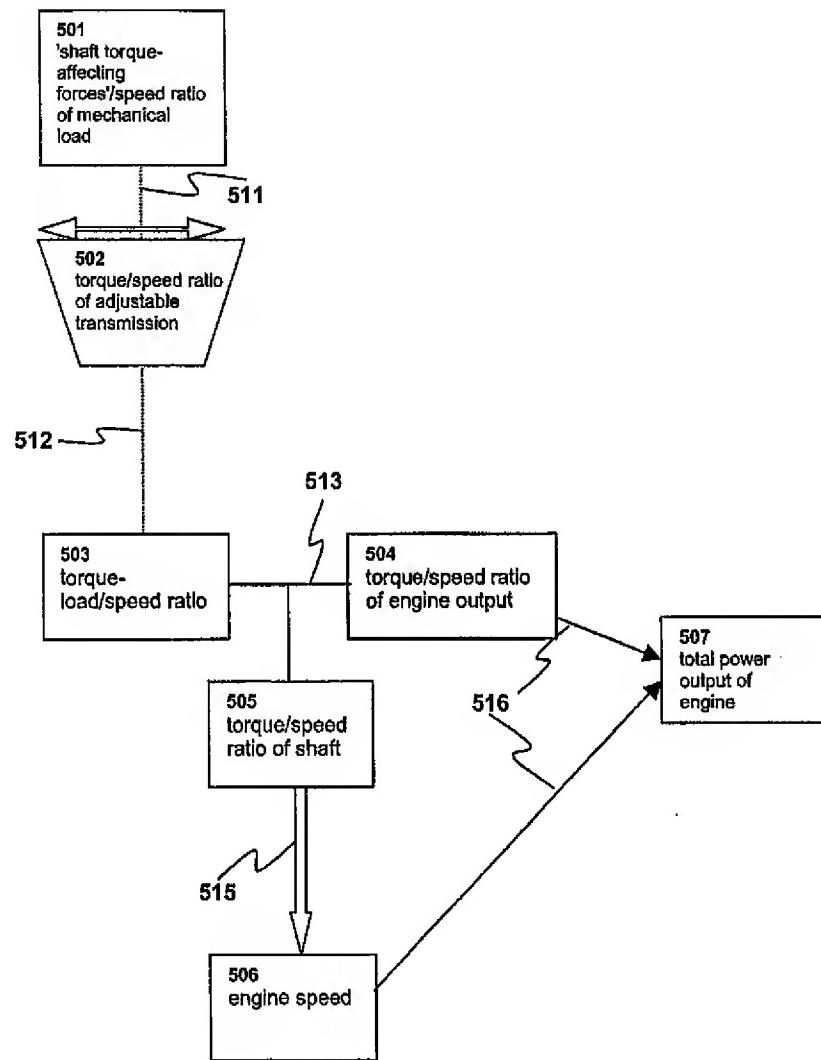
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Figure 11



Title: Electronically Controlled Engine Generator Set/App. No. 10/593,750

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-Replacement Figure-

Figure 12a

step 0 is there a difference between required total power output and total power output?

yes go to step 1

no remain at step 0

step 1 is required total power output greater than total power output?

yes go to step 2

no go to step 3

step 2 increase transmission ratio and wait predetermined time period. Return to step 0

step 3 decrease transmission ratio and wait predetermined time period. Return to step 0

Figure 12b

step 0 is there a difference between required total power output and total power output?

yes go to step 1

no remain at step 0

step 1 is required total power output greater than total power output?

yes go to step 2

no go to step 5

step 2 is the difference greater than x?

yes go to step 3

no go to step 4

step 3 increase transmission torque/speed ratio by Group of Gears and wait predetermined time period. Return to step 0

step 4 increase transmission torque/speed ratio by One Gear and wait predetermined time period. Return to step 0

step 5 is the difference greater than x?

yes go to step 6

no go to step 7

step 6 decrease transmission torque/speed ratio by Group of Gears and wait predetermined time period. Return to step 0

step 7 decrease transmission torque/speed ratio by One Gear and wait predetermined time period. Return to step 0

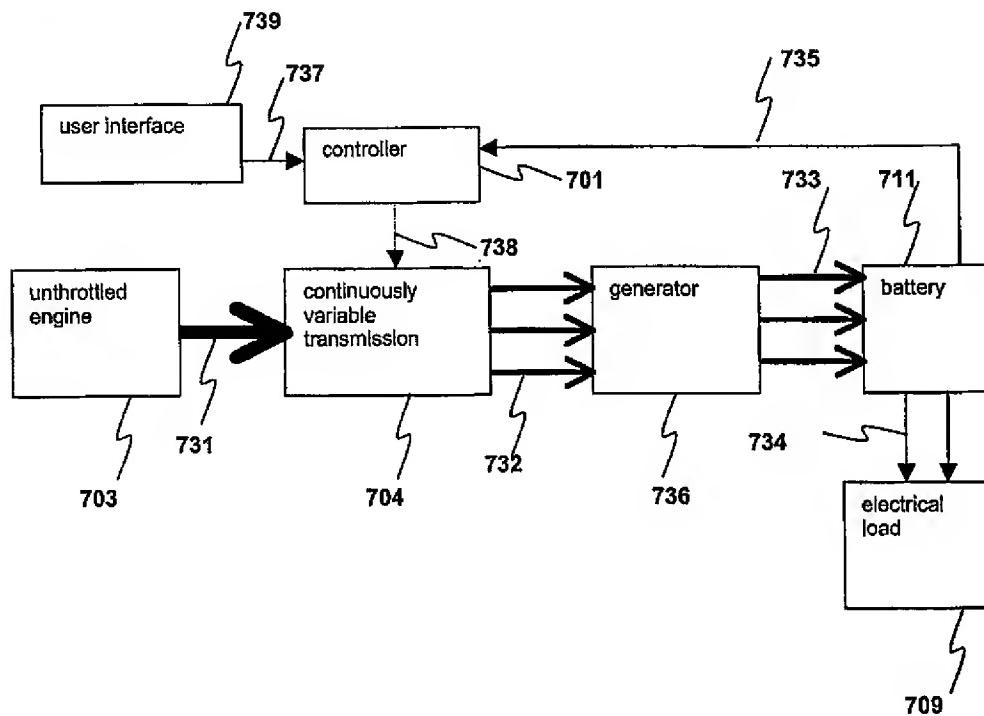
Title: Electronically Controlled Engine Generator Set/App. No. 10/593,750

Inventor: Jonathan Sidney Edelson

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-Replacement Figure-

Figure 13



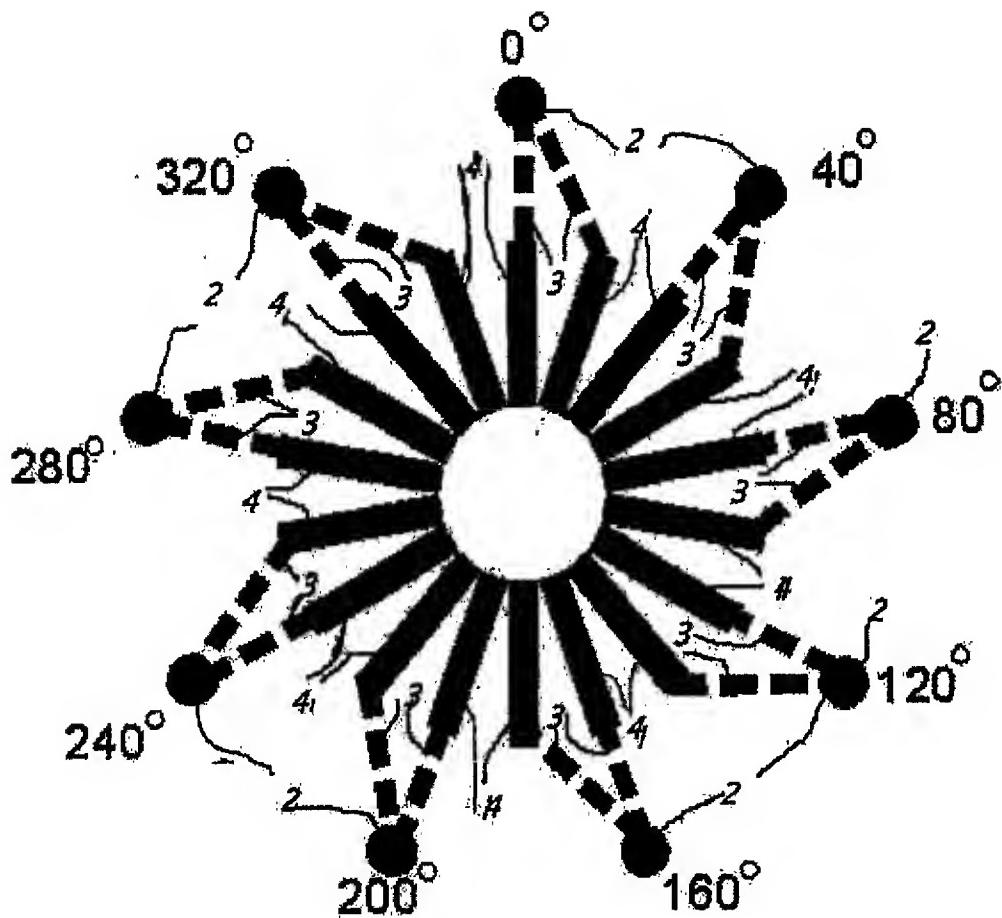
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Inventor: Jonathan Sidney Edelson

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Figure 14



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Inventor: Jonathan Sidney Edelson

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-Replacement Figure-

Figure 15A

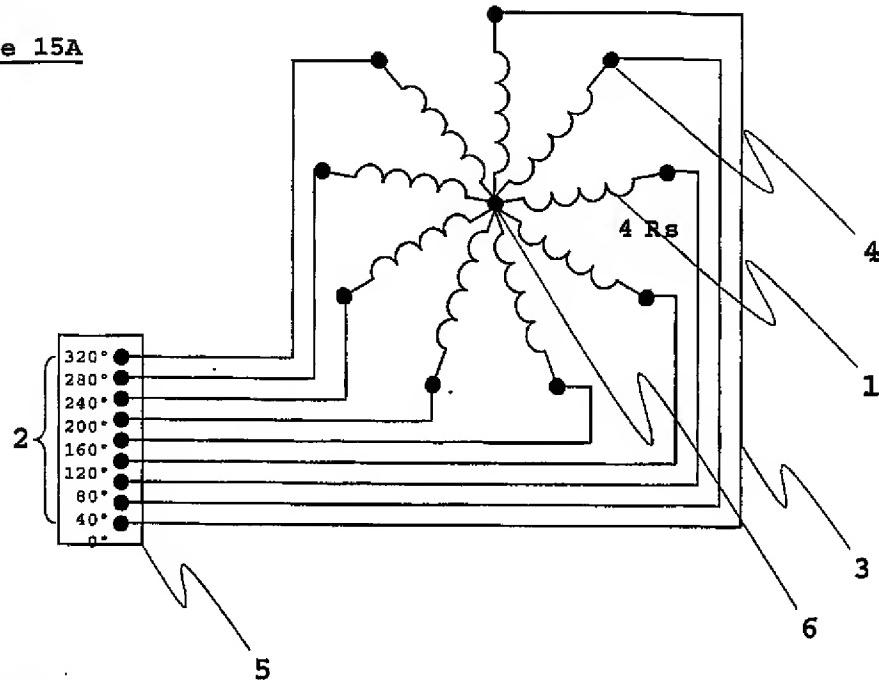
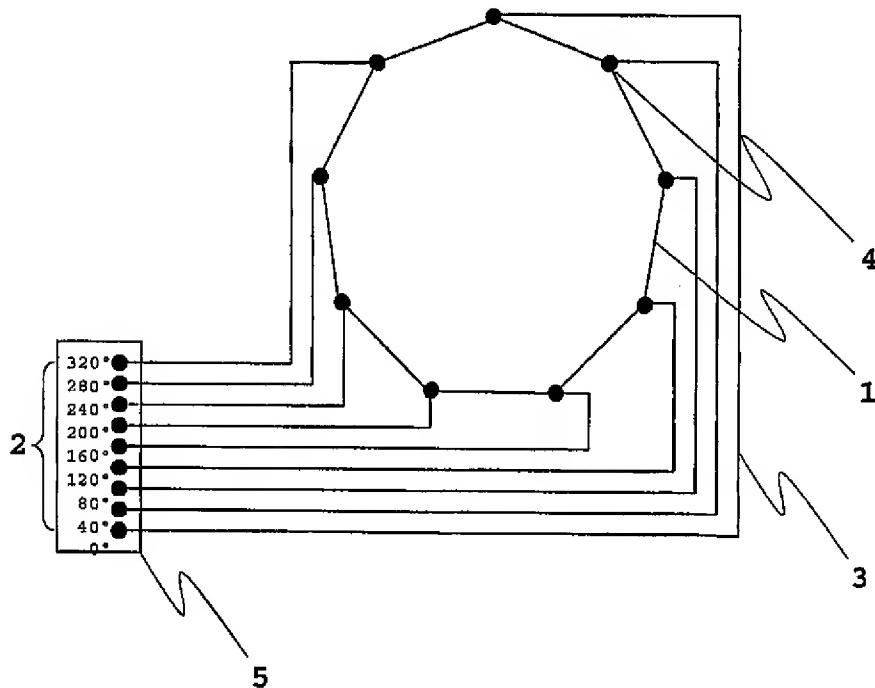


Figure 15B



Title: Electronically Controlled Engine Generator Set/App. No. 10/593,750

Inventor: Jonathan Sidney Edelson

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-Replacement Figure-

Figure 15C

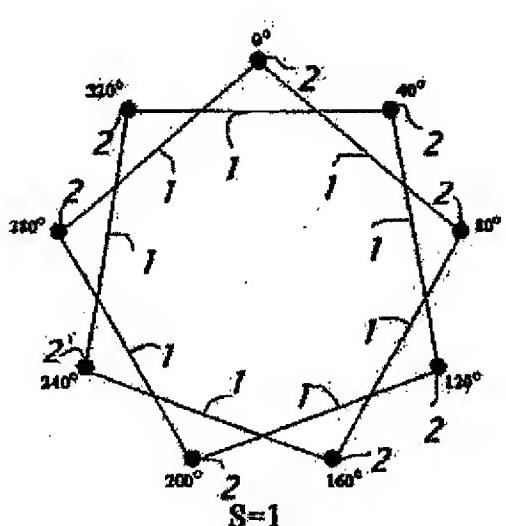


Figure 15D

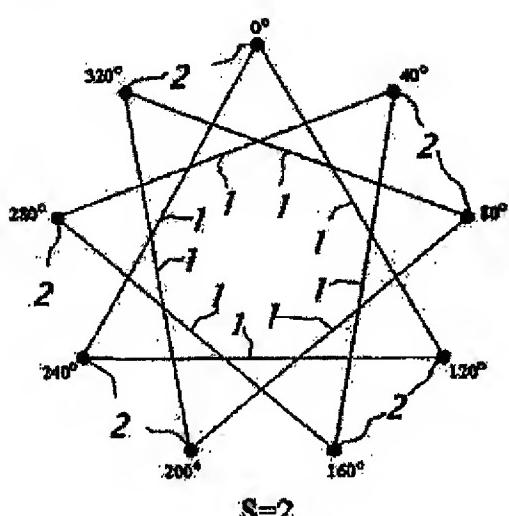
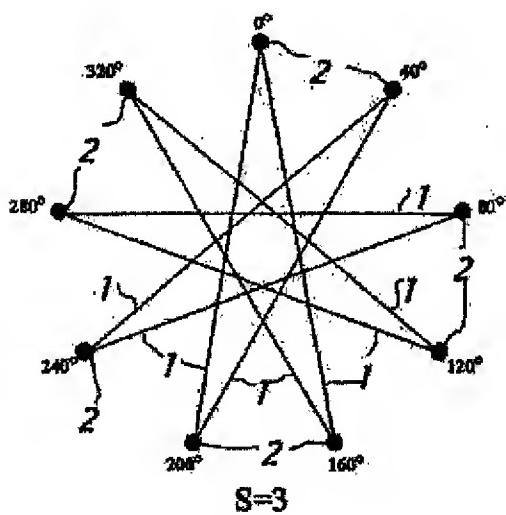


Figure 15E



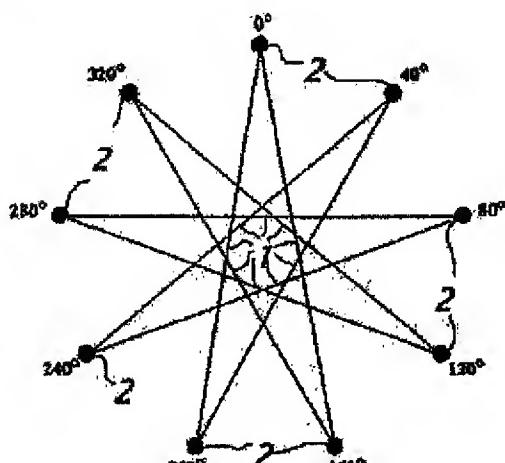
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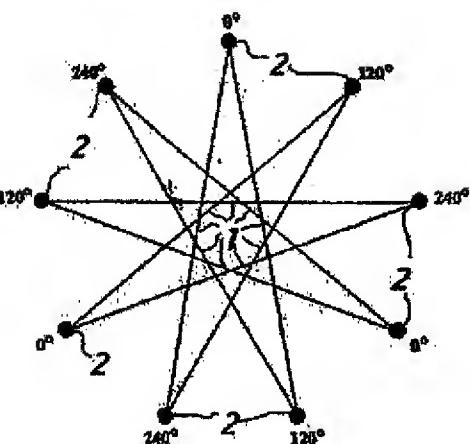
-Replacement Figure-

Figure 16A



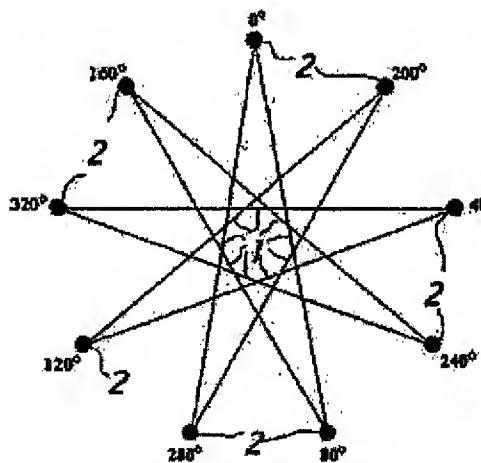
Fundamental

Figure 16B



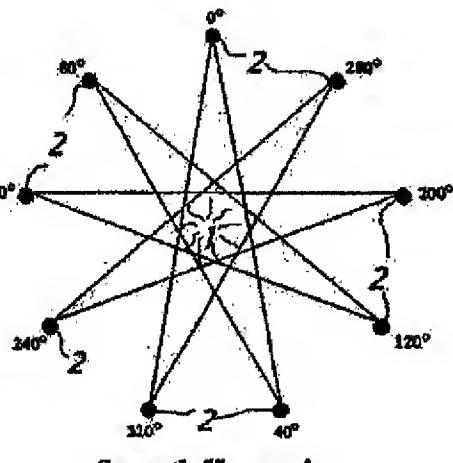
Third Harmonic

Figure 16C



Fifth Harmonic

Figure 16D



Seventh Harmonic

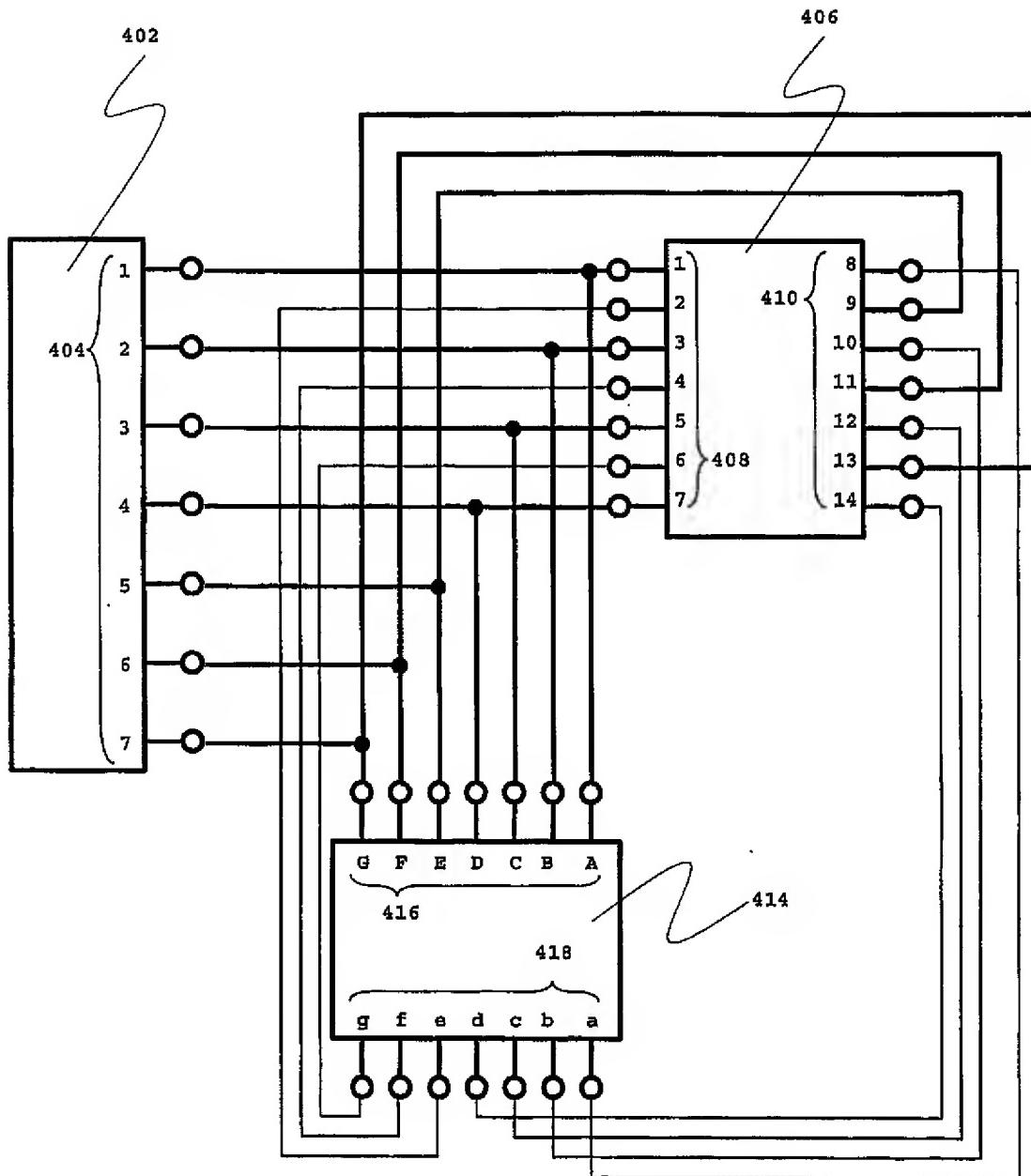
Title: Electronically Controlled Engine Generator Set/App. No. 10/593,750

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Figure 17A



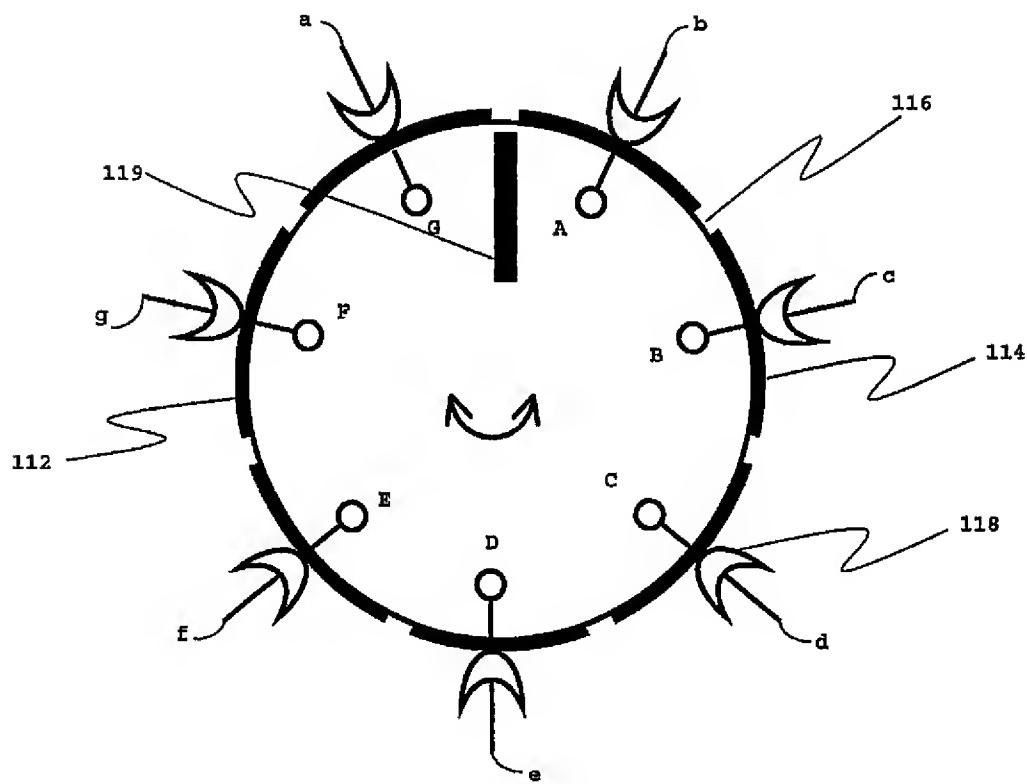
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Figure 17B



Title: Electronically Controlled Engine Generator Set/App. No. 10/593,750

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Figure 18A

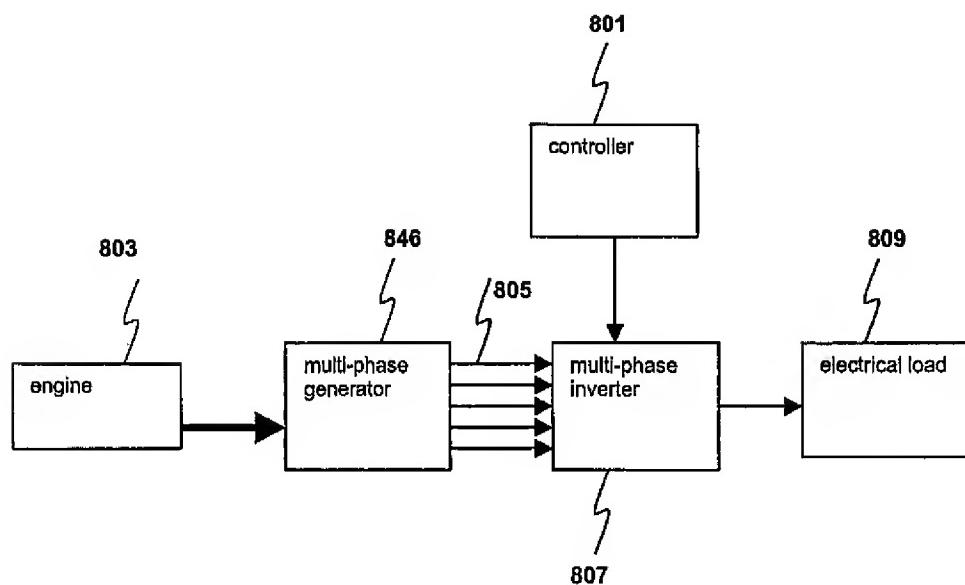
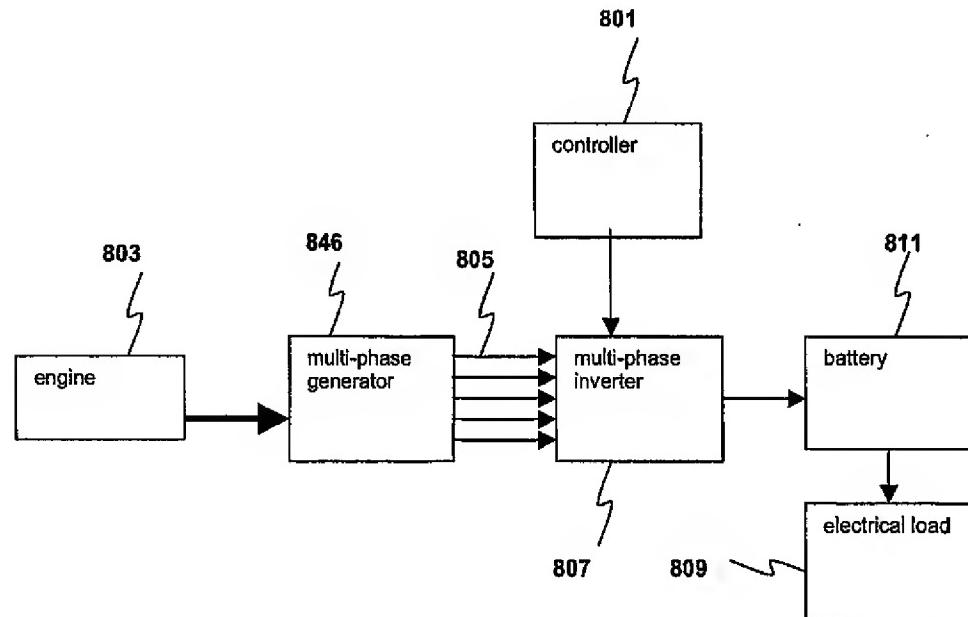


Figure 18B



Title: Electronically Controlled Engine Generator Set/App. No. 10/593,750

Inventor: Jonathan Sidney Edelson

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-Replacement Figure-

Figure 18C

